PTO/SB/08A (04-03)
Approved for use through 04/30/2003. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Discription of information under the commence of the comme

Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

BADENSE thate for form 1449/PTO

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete it Known			
Application Number	10/758,875		
Filing Date	1/16/2004		
First Named Inventor	Weiner, Michael L.		
Art Unit	Unknown		
Examiner Name	Unknown		
Attorney Docket Number	MI W-630		

Examiner	Cite No.1	Cite Document Number Pub		Name of Patentise or Applicant of Cited Document	Pages, Columns, Unes, Where Relevant Passages or Relevant
Initials' No.1		Number-Kind Code <sup>2 (Finance)</sup>	MM-DD-YYYY	Appresia of Olioc Cocomon	Figures Appear
λB		<sup>US-</sup> 6,180,385	01/30/2001	Skem et al.	
ī		<sup>US-</sup> 6,180,389	01/30/2001	Douglas et al.	
		US- 6,180,402	1/30/2001	Granville et al.	
_		US- 6,180,612	01/30/2001	Hockensmith et al.	
_		US- 6,180,782	01/30/2001	Capuder	
		US- 6,183,984	02/06/2001	Fuchs	
		US- 6,183,993	02/06/2001	Boyce et al.	
_		US- 6,183,174	02/06/2001	Kaiser et al.	
		US- 6,183,753	02/06/2001	Cochran et al.	
		US- 6,184,000	02/06/2001	Jones et al.	
_		US- 6,184,017	02/06/2001	Smith et al.	
		US- 6,184,027	02/06/2001	Laine et al.	
-1-		US- 6,184,034	02/06/2001	Eastman et al.	
		US- 6,187,250	02/13/2001	Champagne	
		US- 6,187,552	02/13/2001	Roberds et al.	
$\neg$		US- 6,187,559	02/13/2001	Steed et al.	
	<u> </u>	US- 6,187,564	02/13/2001	Sytkowski	
7/	_	US- 6,187,566	02/13/2001	Dattagupta et al.	
ABV-	<b></b> -	US- 6,187,567	02/13/2001	Li et al.	

		FOREIGN	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	ا ـ ا
		Country Code <sup>2</sup> Number <sup>2</sup> Kind Code <sup>2</sup> (# Innown)	MM-DD-YYYY		Or Relevant Figures Appear	
					•	

Examiner Signature	/Angela Bertagna/ Consider	d 05/23/2	2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw tine through citation if not in conformance and not considered, include copy of his form with next communication to applicant. Applicants unless disting designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Uspanses patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Wind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is statched.

Transitation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Three will very depending upon the Individual case. Any comments on the amount of three your require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce. Weshington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patients, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (04-03)
Approved for use through 04/30/2003. CAB 0651-0031
U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE cond to a collection of information unioss it contains a valid OMB control number.

Complete if Known

er the Paperwork Reduction Act of 1995, no persons are required to resp

REPLECE TO SERVE Substitute for form 1449/PTO

#### **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(Use as many sheets as necussary)

Col	Complete if Known				
Application Number	10/758,875				
Filing Date	1/16/2004				
First Named Inventor	Weiner, Michael L.				
Art Unit	Unknown				
Examiner Name	Unknown				
Attorney Docket Number	MLW-630				

Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 of Incomp</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AB	<del>                                     </del>	US- 6,187,567	02/13/2001	Li et al.	
<u></u>	-	<sup>US-</sup> 6,187,575	02/13/2001	Sobek et al.	
		US- 6,187,578	02/13/2001	Blinkovsky et al.	
1		<sup>US-</sup> 6,187,585	02/13/2001	Bennett et al.	
+-	<del>                                     </del>	US-6,187,760	02/13/2001	Ashley et al.	
_	<del>                                     </del>	<sup>US-</sup> 6,187,823	02/13/2001	Haddon et al.	
+-	┝──	US-6,203,814	03/20/2001	Fisher et al.	
_	┢	US- 6,331,262	12/18/2001	Haddon et al.	
	1	US- 6,399,365	06/04/2002	Besemer et al.	
		US-6,413,722	07/02/2002	Arnold et al.	
+	<del>                                     </del>	US- 6,471,968	10/29/2002	Baker Jr. et al.	
_	<u> </u>	US- 6,475,994	11/05/2002	Tomalia et al.	
-1		US- 6,618,941	09/16/2003	Campbell et al.	
┪		US- 6,013,789	01/11/2000	Rampai	
	<b></b> -	US- 6,017,731	01/25/2000	Tekamp-Olson et al.	
		US- 6,020,457	02/01/2000	Klimash et al.	
1	<b> </b>	US- 5,872,826	02/16/1999	Fujieda et al.	
Z/Z	T	US-6,043,336	03/28/2000	Miller et al.	
AB	<u> </u>	us- 6,051,379	04/18/2000	Lescallett et al.	

			GN PATENT DOCU	MENTS	Pages, Columns, Lines,	T-
Examiner initiats	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Where Relevant Passages	L
INCOM	110.	Country Code <sup>3</sup> "Number * "Kind Code <sup>4</sup> (if known)	MM-OD-YYYY		Or Relevant Figures Appear	ľ
						L
		, <u>, , , , , , , , , , , , , , , , , , </u>				
			<del>- </del>			L
						Т
						Т
			_			H

Examiner /Angela Bertagna/	Data Considered	05/23/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optionel). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usitio.gov">www.usitio.gov</a> or MPEP 901.04. Either Office that issued the document, by the two-latter code (WIPO Standard ST.3). For USPTO Patent Documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Rind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to piace a check mark here if English language Translation is stached.

Translation is ettached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments in the emount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (04-03)
Approved for use through 04/30/2003. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Substitute for form 1449/PTO

THE THAT THE WAR

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 10/758,875 Filing Date 1/16/2004 Weiner, Michael First Named Inventor Art Unit Unknown **Examiner Name** Unknown MLW-630 Attorney Docket Number

Examiner	Cite	Document Number	Publication Date	Name of Palentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
toltials*	No.1	Number-Kind Code <sup>2 (f Issum)</sup>	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
AB		<sup>US-</sup> 6,054,708	04/25/2000	Shimizu	
Ī		<sup>US-</sup> 6,083,698	07/04/2000	Olson et al.	
		US-6,083,708	07/04/2000	Singh et al.	
$\dashv \neg$		<sup>US-</sup> 6,083,723	07/04/2000	Tekamp-Olson	
_		US- 6,136,318	10/24/2000	Cochran et al.	•
		US- 5,776,672	07/07/1998	Hashimoto et al.	
_		us- 5,972,604	10/26/1999	Santamaria et al.	
		US-5,747,244	05/05/1998	Sheridan et al.	
		<sup>US-</sup> 5,714,166	02/03/1998	Tomalia et al.	
		US- 5,712,383	01/27/1998	Sheridan et al.	
<u> </u>		us-5,699,394	12/16/1997	Schreiber et al.	
$\dashv$		US-5,658,273	08/19/1997	Long	
-		US- 5,641,539	06/24/1997	Afeyan et al.	
		US- 5,612,468	03/18/1997	Hawkins et al.	
	· ·	us- 5,610,956	03/11/1997	Yokoyama et al.	
		US- 5,577,694	12/26/1996	Lee	
_		US- 5,560,929	10/01/1996	Hedstrand et al.	
7/		US- 5,525,711	06/11/1996	Hawkins et al.	
AB		US- 5,472,888	12/05/1995	Kinzer	

			<b>GN PATENT DOCU</b>	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Ralevant Passages	L
		Country Code <sup>3</sup> Number <sup>4</sup> 'Kind Code <sup>3</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	Ľ
						L
	-					
						L
	<b>-</b>					L
	<del> </del>					Γ
					<del>-</del>	T

Examiner Signature	/Angela Bertagna/	Date Considered	05/23/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Petent Documents as www.usobo.cov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the sortal number of the petent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Transtation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Weshington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

PTO/SB/08A (04-03) Approved for use through 04/30/2003, OMB 081-0031
U.S. Potent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

er the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

HAT WAS THAT

Complete if Known Application Number Filing Date

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

First Named Inventor Art Unit **Examiner Name** 

Attorney Docket Number Sheet 4

Examiner Initials*	Cite No.'	Document Number  Number-Kind Code <sup>2 (Fitness)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AB		<sup>US-</sup> 6,136,568	10/24/2000	Hiatt et al.	
1		US- 6,146,593	11/14/2000	Pinkel et al.	
		US-6,159,742	12/12/2000	Lieber et al.	
	•	US-6,171,861	01/09/2001	Hartley et al.	
-		US- 6,172,197	01/09/2001	McCafferty et al.	
		US- 6,174,724	01/16/2001	Rogers et al.	
		us- 6,175,001	01/16/2001	Barbas et al.	
_		US- 6,177,244	01/23/2001	Sytkowski et al.	
_	_	US- 6,177,247	01/23/2001	Mathies et al.	
+-		US- 6,177,543	01/23/2001	Aggarwal et al.	
		US- 6,180,338	01/30/2001	Adams	
		US- 4,176,093	11/27/1979	Zoch	
<del></del>		US- 4,447,546	05/08/1984	Hirschfeld .	•
		US-4,582,809	04/15/1986	Blóck et al.	·
_		US- 4,701,792	10/20/1987	Guyot	
1		US- 4,853,323	08/01/1989	Ikeda et al.	
_		US- 4,853,550	08/01/1989	Schulz	
<u> </u>		US- 4,909,990	03/20/1990	Bock et al.	
AB		us- 4,946,824	08/07/1990	Meschke et al.	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	ا ـ		
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (If known)	NIM-DD-YYYY		Or Relevant Figures Appear			
						<u></u>		
			<u> </u>			<b>—</b>		
						┡		
				•.		<u> </u>		
						L		

Exeminar		Oate	
	/Angela Bertagna/	Considered	05/23/2006
Signature	/ Angela Deltagna/	- CO.C	03/23/2000

"EXAMNER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (options). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 801.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Mind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademerk Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

MAR 2 5 2004

THE TRADE WAST

PTO:SB/08A (04-03)
Approved for use through 04/30/2003. OMB 0851-0031
U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ter the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known

> Application Number Filing Date

First Named Inventor

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Art Unit Examiner Name **Attorney Docket Number** 

Sheet 5 U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Relevant Passages or Relevant Name of Patentee or Publication Date **Document Number Applicant of Cited Document** Figures Appear Number-Kind Code<sup>2</sup> of the <sup>US-</sup> 5,076,993 12/31/1991 Sawa et al. AB US- 5,128,097 07/07/1992 Fukasawa et al. US-5,174,945 12/29/1992 Bussard et al. <sup>US-</sup> 5,367,547 11/22/1994 Hida et al. 12/13/1994 Afeyan et al. US- 5,372,719 01/31/1995 Yasunaga <sup>US-</sup> 5,386,114 09/26/1995 Afeyan et al. US- 5,453,199 ŪS. US-US. US-US-TIE. US-US-US-US-US-US-

 	FOREIG	N PATENT DOCU	MENTS		
Cite No.	ite   Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	١.
	Country Code <sup>3</sup> "Number * "Kind Code <sup>3</sup> (# known)	MM-DO-YYYY	·	Or Relevant Figures Appear	L
					<u> </u>
					Ļ
					L
					L
					L
				1	Ŀ

Enamines		Date	
Examiner	l		1 705/22/2006
Skonature	/Angela Bertagna/	Considered	05/23/2006

"EXAMINER: Initial if reference considered, whether or not cliation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. I Applicant's unique cliation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to piece a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gethering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patentia, Washington, DC 20231.

If you need essistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (04-03)

Approved for use through 04/30/2001. OMB 0851-0031
U.S. Patent end Trademark Office; U.S. DEPARTMENT OF COMMERCE r the Paparwork Reduction Act of 1895, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete If Known titute for form 1449/PTO **Application Number** 10/758,875 INFORMATION DISCLOSURE Filing Date 1/16/2004 STATEMENT BY APPLICANT First Named Inventor Weiner, Michael L Art Unit Unknown -(Use as many sheets as necessary) **Examiner Name** Unknown

**Attorney Docket Number** 

MLW-630

A THATE MAN

Sheet 6

8

Examiner Initials*	Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title No.1 the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-iss number(s), publisher, city and/or country where published.		T²
AB 1		R.W.MALONE et al., "Cationic Liposome-mediated RNA transfection", Proc. Natl. Acad. Sci. USA, vol 86, pp 6077-6081, August 1989	
	2 <	R.LEVENTIS et al., "Interactions of Mammalian Cells with Lipid Dispersions containing novel metabolizable cationic amphiphiles", Biochimica et Biophysica Acta, 1023, pp 124-132, 1990	
	3,	W.SCHAFFNER, "Direct Transfer of Cloned genes from bacteria to mammalian cells", Proc. Natl. Acad. Sci, USA vol 77, pp 2163-2167, April 1980	
	4 /	H.K.KIMELBERG, "Differential Distribution of Liposome-Entrapped" Biochimica et Biophysica Acta, 448 (1976) 531-550	
	5 /	G.STRAUSS, "Freezing and Thawing of Liposome Suspensions", Liposome Technology, p197-219, CRC Press 1984	
	6 ′	A.R.THIERRY et al., "Liposomal Delivery as a New Approach to Transport Antisense Oligonucleotides", Gene Regulation: Biology of Antisense RNA and DNA, Raven Press, Ltd. NY 1992, p147-161	
	7	W.E.MAGEE et al., "A Comparison of Negatively and Positively Charged Liposomes" Biochimica et Biophysica Acta, 451 (1976) 610-618	
	8	S. KAWAI et al., "New Procedure for DNA Transfection with Polycation and Dimethyl Sulfoxide", Molecular and Cellular Biology, vol 4, no 6, June 1984, p1172-1174	
	9	E. NEUMANN et al., "Gene transfer into mouse lyoma cells by electroportation in high electric fields", The EMBO Journal, Vol 1, No. 7, pp 841-845 (1982)	
AB  C.L.CEPKO et al, "Construction and Applications of a Highly Transmissible" Cell, vol 37, p1053-1062, July 1984			

Everieer		Date	
Examiner	/Angela Bertagna/	Considered	05/23/2006
Signature	/Angere Der tugne/	Constacted	

<sup>\*</sup>EXAMINER: Initial If reference considered, whether or not cliation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.98. The Information is required to obtain or retain a benefit by the public which is to fire (and by the USPTO This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.4. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Sheet

MAR 2 5 2004

Approved for use through 04/30/2003. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
the Peperwork Reduction Act of 1895, no persons are required to respond to a collection of information unless it contains a valid QMB control number.

ADEC CONSTITUTE for form 1449/PTO

# **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/758,875			
Filing Date	1/16/2004			
First Named Inventor	Weiner, Michael L.			
Art Unit	Unknown			
Examiner Name	Unknown			
Attorney Docket Number	MI W-630			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
AB	11	W.E.MAGEE et al., "The Interaction of Cationic Liposomes" J. Cell Biology, vol 63, 1974, pp 492-504	
	12/	J.H.SENIOR et al., "Interation of Positively-Charged Liposomes with blood" Biochimica et Biophysica Acta, 1070 (1991) 173-179	
	13	F.J.MARTIN et al, "Lipid Vesicle-Cell Interactions", J. Cell Biology, vol 70, (1976) pp 515-526	
	14	P.HUG et al, "Liposomes for the transformation of Eukaryotic cells", Biochimica et Biophysica Acta, 1097 (1991) 1-17	
	15 <	L.D.STEGER et al, "Enzyme Therapy VI" Biochimica et Biophysica Acta 464 (1977) 530-546	
,	16	H. FINK et al, "Electrical Conduction through DNA molecules", Nature, vol 398, April 1, 1999, p 407-410	
	17	J.P. KNEMEYER et al., "Probes for Detection of Specific DNA Sequences at the Single Molecule Level", Anal. Chem, 2000, vol 72, p3717-3724	
	18 -	G.P.MITCHELL et al, "Programmed Assembly of DNA Functionalized Quantum Dots", J. Am. Chem. Soc. 1999, vol 121, 8122-8123	
	19	X.ZHOU et al., "Targeted delivery of DNA by liposomes and polymers", J. Controlled Release 19 (1992) p 269-274	
AB	20	C.NICOLAU et al, "Liposomes as camers of DNA", vol 6, issue 3, 1989, p 238-271	-

Examiner		Date	Į į
	/a		05/23/2006
Signature	/Angela Bertagna/	Considered	03/23/2000

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique chation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

WA TRANS

PTO/S8/08B (04-03)
Approved for use through 04/30/2003. Okto 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	ere required to respond to a collection of information unless it contains a valid ONE control number.  Complete if Known			
Substitute for form 1449/PTO	Application Number	10/758,875		
INFORMATION DISCLOSURE	Filing Date	1/16/2004		
STATEMENT BY APPLICANT	First Named Inventor	Weiner, Michael L.		
	Art Unit	Unknown		
(Use as meny sheets as necessary)	Examiner Name	Unknown		
Sheet 8 of 8	Attorney Docket Number	MLW-630		

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.1	Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title		
AB	21	P.L. FELGNER et al, "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure" Proc. Natl. Acad. Sci, USA vol 84, pp 7413-7417 November 1987		
	22 (	J.K.ROSE et al., "A New Cationic Liposome Reagent Mediating Nearly Quantitative Transfection of Animal Cells", Biotechniques vol 10, no 4, 1991 p 520-525		
	23 ′	B.A.STILLMAN et al, "FAST (TM) Slides: A novel surface for Microarrays" Biotechniques, vol 29, no 3, 2000, p 630-635		
	24 ′	F.L.GRAHAM et al., "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA", Virology, 52, 456-467 (1973)		
	25	M.GRAESSMAN et al., "Microinjection and Organelle Transplantation Techniques", pp. 3-13 (Academic Press 1986)		
	26	R.L.JULIANO et al, "Pharmacokinetics of Liposome-Encapsulated Anti-tumor Drugs" Biochemical Pharmacology, vol 27, pp 21-27 1978		
	27	E.MAYHEW, "Inhibition of Tumor Cell Growth In Vitro and in Vivo by 1-B-D-Arabinofuranosylcytosine Entrapped" Cancer Research 36, pp 4408-4411, Dec 1976		
AB		S.X. STRAUB, "Interferon Induction by Poly(I): Poly(C) Enclosed in Phospholipid Particles, Infection and Immunity Oct 1974, p 783-792		

Examiner Signature	/Angela Bertagna/	Date Considered	05/23/2006

\*EXAMENER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to piece a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to fits (and by the USPTO to process) an application. Confidentisity is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including applicating, propering, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form anal/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Weshington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.